

LISTING OF THE CLAIMS:

The following is a complete listing of all claims in the application, with an indication of the status of each:

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- 1 Claim 1 (Currently Amended). A portable telephone radio set with an interference
2 detection function to which a terminal equipment can be externally connected to effect
3 data communication therewith, comprising:
4 a warning section for warning section for warning radio wave interference by
5 audio or visual signals; and
6 a control circuit section for detecting interference of radio waves and controlling
7 said warning section;
8 said control circuit section reporting, when said control circuit section detects a
9 radio wave interference fault, contents of the fault to said warning section so that said
10 warning section may give a warning of radio wave interference in a predetermined form
11 based on at least one of visibility and audibility.
- 1 Claim 2 (Original). A portable telephone radio set with an interference detection function
2 as claimed in claim 1, wherein said control circuit section detects a radio wave
3 interference fault in the course of a selection operation of a standby channel from that at
4 least one of loss of frame synchronization, deterioration in bit error rate, unfavorable
5 reception of broadcast information and interruption of radio waves occurs in either one of
6 conditions of out-of-zone indication and abandonment of the pertaining channel.
- 1 Claim 3 (Original). A portable telephone radio set with an interference detection as
2 claimed in claim 1, wherein said control circuit section detects a radio wave interference
3 fault in the course of a zone switching operation which is caused by the presence of a
4 channel having a higher reception level than that of the channel being waited from that at
5 least one of loss of frame synchronization, deterioration in bit error rate, unfavorable
6 reception of broadcast information and interruption of radio waves occurs in a condition
7 of abandonment of the pertaining channel.

1 Claim 4 (Original). A portable telephone radio set with an interference detection function
2 as claimed in claim 1, wherein said control circuit detects a radio wave interference fault
3 during communication from that a level value detected when the level of each perch
4 channels other than a peripheral perch channel designated from a base station is measured
5 is higher than a predetermined threshold value.

1 Claim 5 (Currently Amended)). A portable telephone radio set with an interference
2 detection function as claimed in claim 1, wherein said control circuit section detects a
3 radio wave interference fault during communication from that, when the channel is
4 switched to a channel of a level lower than the level of the ~~cannel~~ channel which has
5 been used for communication till then, it is a cause of the channel switching that at least
6 one of loss of frame synchronization, deterioration in bit error rate, and interruption of
7 radio waves occurs.

1 Claim 6 (Original). A portable telephone radio set with an interference detection function
2 as claimed in claim 1, wherein the predetermined form in which the radio wave
3 interference warning is displayed includes the abandon channel number.

1 Claim 7 (Original). A portable telephone radio set with an interference detection function
2 as claimed in claim 1, wherein the predetermined form in which the radio wave
3 interference warning is displayed including the number of occurrence of retransmission
4 per unit time measured during the communication.

1 Claim 8 (Original). A portable telephone radio set with an interference detection function
2 as claimed in claim 1, wherein the predetermined form in which the radio wave
3 interference warning is displayed includes a rate of occurrences of retransmission per unit
4 data measured during the communication.
